Title (en)
METHOD OF EMULSION POLYMERIZATION

Title (de)
EMULSIONSPOLYMERISATIONSVERFAHREN

Title (fr)
PROCÉDÉ DE POLYMÉRISATION D'ÉMULSION

Publication
EP 2106849 A1 20091007 (EN)

Application
EP 09154681 A 20090309

Priority
US 7289808 P 20080403

Abstract (en)
There is provided a process of emulsion polymerization comprising (a) adding a reactive mixture to a reaction vessel, said reactive mixture comprising water, one or more emulsifier, one or more monomer, and one or more initiator, (b) providing conditions in which said reactive mixture undergoes emulsion polymerization, and (c) passing some of the contents of said reaction vessel through a rccirculating loop comprising a low-shear pump and a plate and frame heat exchanger having gap width of 6 to 18 mm, wherein more than 50% of the heat produced by said emulsion polymerization is removed from the contents of said reaction vessel by said plate and frame heat exchanger.

IPC 8 full level
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CPC (source: EP US)
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Citation (applicant)
- US 6320000 B1 20011120 - HURRY JEANINE LEE [US], et al
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Citation (search report)
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- [A] US 6252016 B1 20010626 - WU RICHARD SHU-HUA [US], et al

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DOCDB simple family (application)
EP 09154681 A 20090309; CN 200910133249 A 20090402; DE 602009000247 T 20090309; MX 2009003565 A 20090402; US 38442009 A 20090402